

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A grinding wheel comprising:

an annular core body having a porous structure which includes a multiplicity of aggregate particles and a resin bond that holds said aggregate particles together;

an abrasive layer which is disposed radially outwardly of said annular core body and which includes a multiplicity of abrasive grains and a vitrified bond that holds said abrasive grains together; and

an impermeable coating which is formed of a synthetic resin, and which is ~~disposed on~~ covers a surface of said annular core body.
2. (Original) A grinding wheel according to claim 1, wherein said annular core body further includes at least one sheet of glass fabric each of which is provided by a multiplicity of glass yarns and each of which is embedded in said annular core body and extends perpendicularly to an axial direction of said annular core body.
3. (Original) A grinding wheel according to claim 2, wherein said at least one sheet of glass fabric consists of a plurality of sheets of glass fabric which are arranged in said axial direction of said annular core body.
4. (Original) A grinding wheel according to claim 1, wherein said abrasive layer is provided by a plurality of abrasive segment chips which are arranged in a circumferential direction of said annular core body and which are fixed to an outer circumferential surface of said annular core body.
5. (Currently Amended) A grinding wheel according to claim 4, wherein said plurality of abrasive segment chips includes at least one pair of segment chips having respective ~~circumferentially~~ circumferential end faces which are circumferentially opposed to

each other with a predetermined amount of gap therebetween and which are non-parallel with respect to an axial direction of said annular core body.

6. (Currently Amended) A grinding wheel according to claim 1, wherein said annular core body is covered ~~at~~over an entirety thereof with said impermeable coating, so that a portion of said impermeable coating disposed on an outer circumferential surface of said annular core body is interposed between said annular core body and said abrasive layer.

7. (Original) A grinding wheel according to claim 1, wherein said impermeable coating is formed of an epoxy resin.

8. (Original) A grinding wheel according to claim 1, wherein said impermeable coating is formed of a phenol resin.

9. (New) A grinding wheel, comprising:

- an annular core body which includes a multiplicity of aggregate particles and a resin bond that holds said aggregate particles together;
- an abrasive layer which is disposed radially outwardly of said annular core body and which includes a multiplicity of abrasive grains and a vitrified bond that holds said abrasive grains together; and
- an impermeable coating which is formed of a synthetic resin, and which is disposed on a surface of said annular core body,

wherein said annular core body is covered over an entirety thereof with said impermeable coating, so that a portion of said impermeable coating disposed on an outer circumferential surface of said annular core body is interposed between said annular core body and said abrasive layer.